



CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Chief, Enforcement Branch  
Water Division (WC-15J)  
United States Environmental Protection Agency  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

July 17, 2019  
PJ/DW

Subject: Consent Decree – Case No. 2:96-CV-96-RL-1  
Dewatering Well System, 2nd Quarter 2019  
ArcelorMittal Burns Harbor, LLC

Dear Sir:

This is to provide the quarterly monitoring report required by Paragraph 23 of the subject Consent Decree. Attachment 1 provides a summary of the nitrogen ammonia analytical results for the monthly grab samples of the combined dewatering well waters as required by Paragraph 20 of the Decree. Attachment 2 provides a table that depicts the daily total flow in thousand gallons per day, from the dewatering well system as required in Paragraph 19 of the Decree. Attachment 3 provides the "East Harbor Arm – Dewatering Monitoring Status Report" sheets for April, May, and June, 2019 compiled by our groundwater consultant, Weaver Consultants Group. These reports provide the level of groundwater in each of the piezometers and the Outfall 002 surface water staff gauge levels as required by Paragraph 9 of the Decree.

This letter will also provide Burns Harbor's statement that "all of the wells, pumps, and pipes in the Dewatering Well System are functioning" as specified in Paragraph 23 of the Decree.

As described in previous letters on October 23, 2000 and January 23, 2001 from D. Bley to Mr. J. Fillippini, et al., and as witnessed by Mr. G. Golubski, water levels in Lake Michigan had been extremely low. Recently, the lake has begun to rise significantly. The average level for the quarter was 582.25 feet with a low of 581 feet.

The Decree requires that the ground water in the piezometers along the face of the dock wall be maintained at certain depths in reference to Lake levels. These depths vary from piezometer to piezometer and were based on Burns Harbor's experience in operating the wells in 1996 and 1997. The dewatering wells continue to operate properly but several are at depths near their screens and cannot be adjusted lower. Some have



ArcelorMittal

valves that have been adjusted wide open. As a result, it has not been possible to maintain the depths specified in the Decree for the piezometers. In the past quarter, P522 and P 524 were consistently above the level specified. Several of the piezometers are now sporadically operating at the levels required by the Decree. However, there is a limit to the level that the wells can operate at without damaging the screens or the pumps, and for several of the wells, we have reached that limit.

As noted in previous quarterly reports, Mr. Bley has received your office's informal agreement that the drop in lake water level should be viewed as a "force majeure" under the Decree. As the lake levels rise, more piezometers are returning to the desired levels. The more important point is that the well system continues to operate in a manner that meets its purpose.

If there are any questions concerning this matter, please contact T. E Kirk or me at (219) 787-2712.

I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and that I have made a diligent inquiry of those individuals immediately responsible for obtaining the information and that to the best of my knowledge and belief, the information submitted herewith is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Very truly yours,

Very truly yours,  
*Pelle J.*

R.A. Maciel  
Environmental Management Department

## Attachments

cc: S. Choi, USEPA

July 17, 2019  
Ref: PJ/RA/DW

Attachment 1  
ArcelorMittal Burns Harbor, LLC  
Nitrogen Ammonia Analytical Report  
Dockwell Sampling Summary

<u>Date</u>	<u>Nitrogen Ammonia (mg/l)</u>
4/3/2019	7.1
5/29/2019	6.5
6/5/2019	6.0

July 17, 2019

**Attachment 2**  
**ArcelorMittal Burns Harbor LLC**  
**Dewatering Well Flow**

<b><u>Date</u></b>	<b><u>Flow TGD</u></b>	<b><u>Date</u></b>	<b><u>Flow TGD</u></b>	<b><u>Date</u></b>	<b><u>Flow TGD</u></b>
01-Apr-19	353	01-May-19	353	01-Jun-19	378
02-Apr-19	346	02-May-19	364	02-Jun-19	378
03-Apr-19	345	03-May-19	372	03-Jun-19	375
04-Apr-19	347	04-May-19	372	04-Jun-19	372
05-Apr-19	348	05-May-19	368	05-Jun-19	374
06-Apr-19	348	06-May-19	420	06-Jun-19	378
07-Apr-19	349	07-May-19	421	07-Jun-19	367
08-Apr-19	352	08-May-19	418	08-Jun-19	365
09-Apr-19	354	09-May-19	396	09-Jun-19	363
10-Apr-19	352	10-May-19	387	10-Jun-19	362
11-Apr-19	351	11-May-19	388	11-Jun-19	379
12-Apr-19	322	12-May-19	386	12-Jun-19	366
13-Apr-19	319	13-May-19	385	13-Jun-19	366
14-Apr-19	317	14-May-19	384	14-Jun-19	365
15-Apr-19	317	15-May-19	377	15-Jun-19	364
16-Apr-19	330	16-May-19	361	16-Jun-19	364
17-Apr-19	316	17-May-19	321	17-Jun-19	370
18-Apr-19	336	18-May-19	321	18-Jun-19	388
19-Apr-19	354	19-May-19	317	19-Jun-19	376
20-Apr-19	351	20-May-19	318	20-Jun-19	371
21-Apr-19	349	21-May-19	314	21-Jun-19	372
22-Apr-19	346	22-May-19	310	22-Jun-19	367
23-Apr-19	346	23-May-19	334	23-Jun-19	367
24-Apr-19	350	24-May-19	362	24-Jun-19	372
25-Apr-19	348	25-May-19	352	25-Jun-19	381
26-Apr-19	351	26-May-19	354	26-Jun-19	370
27-Apr-19	351	27-May-19	352	27-Jun-19	368
28-Apr-19	352	28-May-19	352	28-Jun-19	380
29-Apr-19	352	29-May-19	353	29-Jun-19	370
30-Apr-19	353	30-May-19	368	30-Jun-19	377
		31-May-19	381	31-Mar-19	363

TDG - Thousand gallons per day

\* No flow data available



Consent Decree – Case No. 2:96-CV-96-RL-1  
Dewatering Well System Monitoring, 2nd Quarter 2019  
ArcelorMittal Burns Harbor, LLC

Attachment 3 – Dewatering Well Status Reports



## STATUS REPORT

Mittal Steel USA

Burns Harbor

East Harbor Arm - Dewatering Report

Weekly Status Report

Observations by: E. Najacht  
Weaver Consultants Group, LLC

Date	4/4/2019	Time:	9:10 AM	Barometric Pressure: <u>30.36</u> (in Hg)				Temperature (F): <u>44</u>			
Staff Gauge (002) Elevation:	581.30 (Ft., MSL)	Weather Conditions: Rain				Wind Direction: ENE @ 7 mph					

Well/ Piezo No.	Well/Piezo TOC Elev.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/Piezo Water Elev.	Gauge Pres. (PSI)	DTB (feet)	Piez o Bottom Elevation	Flow Reading (100 gal)	Well/Piezo TOC Elev.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/Piezo Water Elev.	Gauge Pres. (PSI)	DTB (feet)	Piez o Bottom Elevation	Flow Reading (100 gal)
DW-1	596.32	24.0	23.62	572.70	47			53.825	DW-10	596.47	24.0	22.65	573.82	51		241.822
P-511	592.29		F	#VALUE!	X	#VALUE!			P-520	595.93	11.83	584.10			30.33	565.60
DW-2	595.91	24.0	23.09	572.82	39			10.830	DW-11	595.82	25.7	24.81	571.01	31		356.530
P-512	593.16		X	#VALUE!		25.0	568.21		P-521	596.19		12.06	584.13		33.45	562.74
DW-3	596.13	22.0	21.29	574.84	37			640.798	DW-12	595.28	26.5	25.52	569.76	37		133.840
P-513	592.81		X	#VALUE!		21.2	571.65		P-522	595.17		10.11	585.06		32.9	562.24
DW-4	596.28	23.0	22.84	573.44	44			132.980	DW-13	594.83	27.0	26.89	567.94	34		55.690
P-514	592.80		8.71	584.09		25.1	567.75		P-523	592.04		D	#VALUE!	D	#VALUE!	
DW-5	596.16	21.0	19.68	576.48	39			30.989	DW-14	594.83	26.5	25.56	569.27	45		193.969
P-515	592.65		8.95	583.70		22.2	570.46		P-507	591.38		D	#VALUE!	D	#VALUE!	
DW-6	596.46	24.0	23.47	572.99	72			40.135	DW-15	594.62	29.5	29.25	565.37	29		126.929
P-516	596.30		12.81	583.49		31.2	565.08		P-524	591.55		4.72	586.83		34.92	556.63
DW-7	596.39	25.0	24.68	571.71	36			179.365	P-508	591.37		D	#VALUE!	D	#VALUE!	
P-517	596.55		13.02	583.53		29.7	566.88		DW-16	594.81	36.0	35.22	559.59	34		51.977
DW-8	596.21	24.5	23.79	572.42	32			175.054								
P-518	596.17		12.46	583.71		30.5	565.66									
DW-9	596.16	24.5	16.45	579.71	41			3.852								
P-519	596.56		11.96	584.60		31.3	565.31									

Remarks	DW-4 adjusted up due to low initial water levels.
	DW-1, DW-2, DW-5, DW-10, DW-9, DW-11, DW-12 and DW-14 were adjusted down due to high initial water levels.
	DW-9 is operational however discharge valve adjustments are insufficient. DW-9 discharge valve all the way left (open).
	DW-10 is operational however discharge valve adjustments are insufficient. DW-10 discharge valve all the way left (open).

TOC=Top of Casing, north side  
DTW=Depth to Water  
DTB=Depth to BottomContact: Edward Stefanek, Senior Project Manager  
7121 Grape Road  
Granger, IN 46530(574) 271-3447 Tel.  
(574) 271-3343 Fax.  
[estefanek@wvcgrp.com](mailto:estefanek@wvcgrp.com)



STATUS REPORT

Mittal Steel USA

Burns Harbor

# East Harbor Arm - Dewatering Report

## Weekly Status Report

## Observations by:

E. Najacht \_\_\_\_\_ Weaver Consultants Group Inc

Date 4/11/2019 Time 8:50 AM  
 Staff Gauge (002) Elevation: 582.10 (Ft. MSL)  
 Barometric Pressure: 29.81 (in Hg) Temperature (F): 43  
 Weather Conditions: Overcast Wind Direction: E @ 19 mph

Well/ Piezo No.	Well/Piezo TOC Elev.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/Piezo Water Elev.	Gauge Pres. (PSI)	Piezometer Bottom Elevation (feet)	Flow Reading (100 gal)
DW-1	596.32	24.0	23.99	572.33	44		54,782
P-511	592.29	F	#VALUE!	X	#VALUE!		
DW-2	595.91	24.0	23.84	572.07	37		11,401
P-512	593.16	X	#VALUE!	25.0	568.21		
DW-3	596.13	22.0	21.27	574.86	37		642,734
P-513	592.81	8.72	584.09	21.2	571.65		
DW-4	596.28	23.0	22.92	573.36	42		134,619
P-514	592.80	8.73	584.07	25.1	567.75		
DW-5	596.16	21.0	20.41	575.75	38		33,063
P-515	592.65	9.01	583.64	22.2	570.46		
DW-6	596.46	24.0	23.94	572.52	72		42,444
P-516	596.30	12.87	583.43	31.2	565.08		
DW-7	596.39	25.0	24.88	571.51	34		182,661
P-517	596.55	13.06	583.49	29.7	566.88		
DW-8	596.21	24.5	23.79	572.42	32		178,153
P-518	596.17	12.50	583.67	30.5	565.66		
DW-9	596.16	24.5	17.03	579.07	40		5,227
P-519	596.56	11.96	584.60	31.3	565.31		

Remarks	DW-1, DW-2, DW-4, DW-5, DW-6, DW-7, DW-8, DW-11, DW-12, DW-14, DW-15 and DW-16 were adjusted up due to low initial water levels. DW-9 was adjusted down due to high initial water levels. DW-9 is operational however discharge valve adjustments are insufficient. DW-9 discharge valve all the way left (open).
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Key:

TOC=Top of Casing, north side  
DTW=Depth to Water  
DTB=Depth to Bottom

Contact: Edward Stefanek, Senior Project Manager  
7121 Grape Road  
Granger, IN 46530

(5/4) 21-344 / Tel.  
(574) 271-3343 Fax.  
[estefanek@wcgrp.com](mailto:estefanek@wcgrp.com)



## STATUS REPORT

Mittal Steel USA

Burns Harbor

## East Harbor Arm - Dewatering Report

Weekly Status Report

Observations by:

E. Najacht  
Weaver Consultants Group, LLCDate 4/18/2019 Time: 8:50 AM  
Staff Gauge (002) Elevation: 581.00 (Ft., MSL)

		Barometric Pressure: 29.58 (in Hg)		Temperature (F): 59	
		Weather Conditions: Rainy		Wind Direction: WSW @ 9 mph	

Well/ Piezo No.	Well/Piezo TOC Elev.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/Piezo Water Elev.	Gauge Pres. (PSI)	DTB Piezo (feet)	Piezometer Bottom Elevation (100 gal)	Flow Reading (100 gal)	Well/Piezometer TOC (feet)	Depth to T/Screen (feet)	DTW Water Elev.	Gauge Pres. (PSI)	DTB Piezo (feet)	Piezometer Bottom Elevation (100 gal)	Flow Reading (100 gal)
DW-1	596.32	24.0	23.50	572.82	47		55.644		DW-10	596.47	24.0	22.18	574.29	49	
P-511	592.29	F	#VALUE!	X	#VALUE!				P-520	595.93	11.54	584.39		30.33	565.60
DW-2	595.91	24.0	23.56	572.35	38		11.826		DW-11	595.82	25.7	24.75	571.07	31	
P-512	593.16	X	#VALUE!	25.0	568.21				P-521	596.19	11.69	584.50		33.45	562.74
DW-3	596.13	22.0	21.29	574.84	36		644.811		DW-12	595.28	26.5	25.51	569.77	38	
P-513	592.81	X	#VALUE!	21.2	571.65				P-522	595.17	9.72	585.45		32.9	562.24
DW-4	596.28	23.0	22.49	573.79	46		135.411		DW-13	594.83	27.0	26.89	567.94	32	
P-514	592.80	X	#VALUE!	25.1	567.75				P-523	592.04	D	#VALUE!	D	#VALUE!	
DW-5	596.16	21.0	19.67	576.49	39		35.160		DW-14	594.83	26.5	25.97	568.86	45	
P-515	592.65	X	#VALUE!	22.2	570.46				P-507	591.38	D	#VALUE!	D	#VALUE!	
DW-6	596.46	24.0	23.70	572.76	73		44.624		DW-15	594.62	29.5	28.63	565.99	31	
P-516	596.30	12.31	583.99	31.2	565.08				P-524	591.55	4.04	587.51		34.92	556.63
DW-7	596.39	25.0	24.37	572.02	35		185.757		P-508	591.37	D	#VALUE!	D	#VALUE!	
P-517	596.55	12.58	583.97	29.7	566.88				DW-16	594.81	36.0	35.29	559.52	36	
DW-8	596.21	24.5	23.53	572.68	32		181.094								
P-518	596.17	12.10	584.07	30.5	565.66										
DW-9	596.16	24.5	16.15	580.01	40										
P-519	596.56	11.96	584.60	31.3	565.31										

Remarks	DW-1, DW-2, DW-4, DW-5, DW-6, DW-7, DW-8, DW-9, DW-10, DW-11, DW-12, DW-14, DW-15 and DW-16 were adjusted down due to high initial water levels.
	DW-9 is operational however discharge valve adjustments are insufficient. DW-9 discharge valve all the way left (open).
	DW-10 is operational however discharge valve adjustments are insufficient. DW-10 discharge valve all the way left (open).

Key:

TOC=Top of Casing, north side  
DTW= Depth to Water  
DTB=Depth to BottomContact: Edward Stefanek, Senior Project Manager  
7121 Grape Road  
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[estefanek@wvcgrp.com](mailto:estefanek@wvcgrp.com)

# Weaver Consultants Group

## STATUS REPORT

Mittal Steel USA

Burns Harbor

East Harbor Arm - Dewatering Report

Weekly Status Report

Observations by:  
E. Najacht  
Weaver Consultants Group, LLC

Date	4/25/2019	Time:	8:40 AM	Barometric Pressure:	29.81	(in Hg)	Temperature (F):	55
Staff Gauge (002) Elevation:	581.60	(Ft. MSL)		Weather Conditions:	Partly Cloudy		Wind Direction:	E @ 1 mph

Well/ Piezo No.	Well/Piezo TOC Elev.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/Piezo Water Elev. (PSI)	Gauge Piezo (feet)	DTB Piezo (feet)	Well/Piezo TOC Elev. (feet)	Depth to T/Screen (feet)	DTW Water Elev. (PSI)	Well/Piezo Water Elev. (feet)	Gauge Pres. (PSI)	DTB Piezo Bottom Elevation (feet)	Piezoelectric Bottom Elevation (100 gal)	Flow Reading (100 gal)
DW-1	596.32	24.0	23.41	572.91	46	56.589	DW-10	596.47	24.0	21.62	574.85	49		253.011
P-511	592.29	F	#VALUE!	X	#VALUE!	P-520	595.93	11.55	584.38		30.33	565.60		
DW-2	595.91	24.0	23.12	572.79	38	12.387	DW-11	595.82	25.7	24.80	571.02	30		368.168
P-512	593.16	X	#VALUE!	25.0	568.21	P-521	596.19	11.79	584.40		33.45	562.74		
DW-3	596.13	22.0	21.17	574.96	36	646.923	DW-12	595.28	26.5	25.63	569.65	36		145.634
P-513	592.81	8.32	584.49	21.2	571.65	P-522	595.17	9.84	585.33		32.9	562.24		
DW-4	596.28	23.0	22.22	574.06	45	136.385	DW-13	594.83	27.0	26.90	567.93	33		58.254
P-514	592.80	8.40	584.40	25.1	567.75	P-523	592.04	D	#VALUE!	D	#VALUE!			
DW-5	596.16	21.0	19.80	576.36	39	37.396	DW-14	594.83	26.5	25.70	569.13	45		197.910
P-515	592.65	8.68	583.97	22.2	570.46	P-507	591.38	D	#VALUE!	D	#VALUE!			
DW-6	596.46	24.0	23.21	573.25	72	47.139	DW-15	594.62	29.5	28.51	566.11	29		129.987
P-516	596.30	12.54	583.76	31.2	565.08	P-524	591.55	4.45	587.10		34.92	556.63		
DW-7	596.39	25.0	24.19	572.20	34	189.223	P-508	591.37	D	#VALUE!	D	#VALUE!		
P-517	596.55	12.71	583.84	29.7	566.88	DW-16	594.81	36.0	35.47	559.34	33		53.749	
DW-8	596.21	24.5	23.59	572.62	32	184.241								
P-518	596.17	12.13	584.04	30.5	565.66									
DW-9	596.16	24.5	15.97	580.19	40	8.087								
P-519	596.56		11.96	584.60	31.3	565.31								

Remarks	DW-2, DW-4, DW-5, DW-8, DW-9, DW-10, DW-11, DW-12, DW-14, DW-15 and DW-16 were adjusted down due to high initial water levels.
	DW-9 is operational however discharge valve adjustments are insufficient. DW-9 discharge valve all the way left (open).
	DW-10 is operational however discharge valve adjustments are insufficient. DW-10 discharge valve all the way left (open).

Key:

TOC=Top of Casing, north side  
DTW=Depth to Water  
DTB=Depth to Bottom

Contact: Edward Stefanek, Senior Project Manager

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## STATUS REPORT

Mittal Steel USA

Burns Harbor

## East Harbor Arm - Dewatering Report

Weekly Status Report

Observations by:

E. Najacht  
Weaver Consultants Group, LLC

Date	5/2/2019	Time:	8:40 AM	Barometric Pressure:	30.12	(in Hg)	Temperature (F):	51
Staff Gauge (002) Elevation:	582.20	(Ft., MSL)		Weather Conditions:	Rainy		Wind Direction:	ENE @ 5 mph

Well/ Piezo No.	Well/Piezo TOC Elev.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/Piezo Water Elev. (PSI)	Gauge Pres. (PSI)	Piez o (feet)	DTB Piezo Bottom Elevation (100 gal)	Flow Reading (100 gal)
DW-1	596.32	24.0	23.25	573.07	48	X	57.537	DW-10
P-511	592.29	F	#VALUE!					P-520
DW-2	595.91	24.0	23.73	572.18	39	12.919		DW-11
P-512	593.16	X	#VALUE!		25.0	568.21		P-521
DW-3	596.13	22.0	21.27	574.86	37	649.017		DW-12
P-513	592.81	X	#VALUE!		21.2	571.65		P-522
DW-4	596.28	23.0	22.37	573.91	46	138.359		DW-13
P-514	592.80	X	#VALUE!		25.1	567.75		P-523
DW-5	596.16	21.0	20.09	576.07	39	39.715		DW-14
P-515	592.65	X	#VALUE!		22.2	570.46		P-507
DW-6	596.46	24.0	23.13	573.33	72	49.615		DW-15
P-516	596.30	11.24	585.06		31.2	565.08		P-524
DW-7	596.39	25.0	24.09	572.30	35			P-508
P-517	596.55	11.33	585.22		29.7	566.88		DW-16
DW-8	596.21	24.5	23.51	572.70	32			
P-518	596.17		10.73	585.44		30.5		
DW-9	596.16	24.5	14.83	581.33	41			
P-519	596.56		11.96	584.60		9.504		
					31.3	565.31		

Remarks	DW-1, DW-2, DW-3, DW-4, DW-5, DW-6, DW-7, DW-8, DW-9, DW-10, DW-11, DW-12, DW-14, DW-15 and DW-16 were adjusted down due to high initial water levels.
	DW-9 is operational however discharge valve adjustments are insufficient. DW-9 discharge valve all the way left (open).
	DW-10 is operational however discharge valve adjustments are insufficient. DW-10 discharge valve all the way left (open).
	DW-15 is operational however discharge valve adjustments are insufficient. DW-15 discharge valve all the way left (open).

Key:

TOC=Top of Casing, north side  
DTW= Depth to Water  
DTB= Depth to Bottom(574) 271-3447 Tel.  
(574) 271-3343 Fax.  
[estefanek@wvcgrd.com](mailto:estefanek@wvcgrd.com)



## STATUS REPORT

Mittal Steel USA

Burns Harbor

East Harbor Arm - Dewatering Report

Weekly Status Report

Observations by: J. Slough  
Weaver Consultants Group, LLC

Date	5/9/2019	Time:	9:10 AM	Barometric Pressure: 29.70 (in Hg)				Temperature (F): 64		
Staff Gauge (002) Elevation:	582.10 (Ft., MSL)	Weather Conditions: Overcast/scattered rain				Wind Direction: SW @ 9 mph				

Well/ Piezo No.	Well/Piezo TOC Elev.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/Piezo Water Elev. (PSI)	Gauge Pres. (PSI)	DTB Piezo (feet)	Piez o Bottom Elevat ion	Flow Reading (100 gal)	Well/ Piezo No.	Well/Piezo TOC Elev.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/Piezo Water Elev. (PSI)	Gauge Pres. (PSI)	DTB Piezo (feet)	Piez o Bottom Elevat ion	Flow Reading (100 gal)
DW-1	596.32	24.0	23.58	572.74	42			58.627	DW-10	596.47	24.0	22.59	573.88	45			260.923
P-511	592.29	F	#VALUE!	X	#VALUE!				P-520	595.93	10.92	585.01			30.33	565.60	
DW-2	595.91	24.0	23.13	572.78	38			13.508	DW-11	595.82	25.7	24.85	570.97	25			376.539
P-512	593.16	X	#VALUE!		25.0	568.21			P-521	596.19	11.15	585.04			33.45	562.74	
DW-3	596.13	22.0	21.24	574.89	37			651.148	DW-12	595.28	26.5	26.30	568.98	30			154.330
P-513	592.81	X	#VALUE!		21.2	571.65			P-522	595.17	8.79	586.38			32.9	562..24	
DW-4	596.28	23.0	22.98	573.30	43			140.337	DW-13	594.83	27.0	26.89	567.94	34			60.034
P-514	592.80	7.91	584.89		25.1	567.75			P-523	592.04	D	#VALUE!	D	#VALUE!			
DW-5	596.16	21.0	19.61	576.55	35			42.788	DW-14	594.83	26.5	25.88	568.95	45			200.887
P-515	592.65	X	#VALUE!		22.2	570.46			P-507	591.38	D	#VALUE!	D	#VALUE!			
DW-6	596.46	24.0	23.88	572.58	72			52.374	DW-15	594.62	29.5	29.02	565.60	24			132.184
P-516	596.30	12.01	584.29		31.2	565.08			P-524	591.55	2.76	588.79			34.92	556.63	
DW-7	596.39	25.0	24.23	572.16	32			196.264	P-508	591.37	D	#VALUE!	D	#VALUE!			
P-517	596.55	12.12	584.43		29.7	566.88			DW-16	594.81	36.0	35.98	558.83	32			54.831
DW-8	596.21	24.5	23.79	572.42	32			191.351									
P-518	596.17		11.42	584.75				30.5									
DW-9	596.16	24.5	15.01	581.15	39			11.024									
P-519	596.56		11.96	584.60				31.3									

Remarks	DW-1, DW-4, DW-5, DW-6, DW-7, DW-8, DW-12, DW-14, DW-15 and DW-16 were adjusted up due to low initial water levels.
	DW-2 and DW-10 were adjusted down due to high initial water levels.
	DW-9 is operational however discharge valve adjustments are insufficient. DW-9 discharge valve all the way left (open).
	DW-10 is operational however discharge valve adjustments are insufficient. DW-10 discharge valve all the way left (open).

Key:  
 TOC=Top of Casing, north side  
 DTW= Depth to Water  
 DTB=Depth to Bottom

Contact: Edward Stefanek, Senior Project Manager  
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 Granger, IN 46530

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## STATUS REPORT

Mittal Steel USA

Burns Harbor

East Harbor Arm - Dewatering Report

Weekly Status Report

Observations by:  
J. Slough  
Weaver Consultants Group, LLC

Date	5/16/2019	Time:	9:25 AM	Barometric Pressure: 29.87 (in Hg)			Temperature (F): 64		
Staff Gauge (002) Elevation:	582.20 (Ft., MSL)	Weather Conditions: Overcast/scattered rain						Wind Direction: SW @ 9 mph	

Well Piezo TOC No.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/Piezo Water Elev.	Gauge Pres. (PSI)	DTB Piezo (feet)	Piezometer Bottom Elevation (100 gal)	Flow Reading (100 gal)	Well/Piezometer TOC No.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/Piezometer Water Elev.	Gauge Pres. (PSI)	DTB Piezo (feet)	Piezometer Bottom Elevation (100 gal)	Flow Reading (100 gal)
DW-1	596.32	24.0	23.98	572.34	44	59.764		DW-10	596.47	24.0	22.49	573.98	44		265.698
P-511	592.29	F	#VALUE!	X	#VALUE!			P-520	595.93	10.80	585.13		30.33	565.60	
DW-2	595.91	24.0	23.08	572.83	37	14.126		DW-11	595.82	25.7	24.75	571.07	29		380.370
P-512	593.16	X	#VALUE!	25.0	568.21			P-521	596.19	11.06	585.13		33.45	562.74	
DW-3	596.13	22.0	21.21	574.92	20	653.197		DW-12	595.28	26.5	25.75	569.53	35		158.418
P-513	592.81	7.74	585.07	21.2	571.65			P-522	595.17	9.09	586.08		32.9	562.24	
DW-4	596.28	23.0	22.51	573.77	44	143.071		DW-13	594.83	27.0	26.89	567.94	30		60.771
P-514	592.80	7.71	585.09	25.1	567.75			P-523	592.04	D	#VALUE!	D	#VALUE!		
DW-5	596.16	21.0	19.56	576.60	39	43.782		DW-14	594.83	26.5	25.56	569.27	46		202.109
P-515	592.65	7.91	584.74	22.2	570.46			P-507	591.38	D	#VALUE!	D	#VALUE!		
DW-6	596.46	24.0	23.98	572.48	72	55.220		DW-15	594.62	29.5	29.40	565.22	26		133.120
P-516	596.30	11.81	584.49	31.2	565.08			P-524	591.55	3.57	587.98		34.92	566.63	
DW-7	596.39	25.0	24.02	572.37	37	198.961		P-508	591.37	D	#VALUE!	D	#VALUE!		
P-517	596.55	12.00	584.55	29.7	566.88			DW-16	594.81	36.0	35.19	559.62	32		55.410
DW-8	596.21	24.5	23.71	572.50	32	194.898									
P-518	596.17	11.44	584.73	30.5	565.66										
DW-9	596.16	24.5	15.11	581.05	39	12.461									
P-519	596.56	11.96	584.60	31.3	565.31										

Remarks	DW-5, DW-7, DW-11, and DW-14 were adjusted down due to high initial water levels.
	DW-1, DW-4, DW-6, DW-8, DW-12 and DW-15 were adjusted up due to low initial water levels.
	DW-9 is operational however discharge valve adjustments are insufficient. DW-9 discharge valve all the way left (open).
	DW-10 is operational however discharge valve adjustments are insufficient. DW-10 discharge valve all the way left (open).

Key:

TOC=Top of Casing, north side  
DTW=Depth to Water  
DTB=Depth to BottomContact: Edward Stefanek, Senior Project Manager  
7121 Grape Road  
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**FIELD SHEET**  
Mittal Steel USA  
Burns Harbor

East Harbor Arm - Dewatering Report  
Weekly Status Report

Observations by:

J. Slough  
Weaver Consultants Group, LLC



File No. 2387-351-01-31  
Adjusted Wells

Date	5/23/2019	Time:	8:50	Barometric Pressure:	29.98	(in Hg)	Temperature (°F):	66
Staff Gauge (002) Elevation:	582.8	(Ft. MSL)		Weather Conditions:	Mostly Sunny		Wind Direction:	W @ 10 mph

Well/ Piezo No.	Well/Piezometer TOC Elev.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Adjusted Reading (feet)	Well/Piezometer Water Elev.	Gauge Pres. (PSI)	Flow Reading (100 gal)	DTB Piezo (feet)	Depth to T/Screen (feet)	DTW (TOC) (feet)	Adjusted Reading (feet)	Well/Piezometer Water Elev.	Gauge Pres. (PSI)	DTB Piezo (feet)	Flow Reading (100 gal)
DW-1	596.32	24.0	23.12	23.12	46	60.798	X	P-520	595.93	10.21	20.12	20.12	48	269.758	
P-511	592.29	F						DW-11	595.82	25.7	20.59	24.76	31	383.689	
DW-2	595.91	24.0	20.01	23.21	38	14.623		P-521	596.19	10.42				33.45	
P-512	593.16	X						DW-12	595.28	26.5	21.74	25.71	38	161.541	
DW-3	596.13	22.0	21.35	21.35	34	655.316		P-522	595.17	8.54				32.93	
P-513	592.81	7.49						DW-13	594.83	27.0	26.81	26.81	35	61.458	
DW-4	596.28	23.0	18.41	22.25	46	144.446		P-523	592.04	D				D	
P-514	592.80	6.96						DW-14	594.83	26.5	20.55	26.20	48	203.224	
DW-5	596.16	20.5	15.62	19.91	39	45.356		P-507	591.38	D				D	
P-515	592.65	7.54						DW-15	594.62	29.5	23.73	28.65	30	134.172	
DW-6	596.46	24.0	21.10	23.89	74	57.619		P-524	591.55	3.25				34.92	
P-516	596.30	11.40						P-508	591.37	D				D	
DW-7	596.39	25.0	20.67	24.05	36	201.428		DW-16	594.81	36.0	29.02	35.35	35	55.886	
P-517	596.55	11.25													
DW-8	596.21	24.5	20.05	23.51	32	197.547									
P-518	596.17														
DW-9	596.16	24.5	13.76	13.76	40	13.716									
P-519	596.56														

Remarks DW-2, DW-4, DW-5, DW-6, DW-7, DW-8, DW-11, DW-12, DW-14, DW-15 and DW-16 were adjusted down due to high initial water levels.

DW-9 is operational however discharge valve adjustments are insufficient. DW-9 discharge valve all the way left (open) and unable to adjust down.

DW-10 is operational however discharge valve adjustments are insufficient. DW-10 discharge valve all the way left (open) and unable to adjust down.

Key:  
TOC=Top of Casing, north side  
DTW=Depth to Water  
DTB=Depth to Bottom  
X=Unable to collect groundwater gauging data  
D=Destroyed  
F=Filled with "sand"

Terry Kirk  
Client Contact  
1-219-787-4643

Bryan Eschbach  
Report Problems To  
1-219-787-2379

Mittal Steel Plant Temp  
and Barometric Pressure  
1-219-787-3444

# Weaver Consultants Group

## STATUS REPORT

Mittal Steel USA

Burns Harbor

East Harbor Arm - Dewatering Report  
Weekly Status Report

Observations by:

E. Najacht  
Weaver Consultants Group, LLC

Date	5/30/2019	Time:	8:30 AM	Barometric Pressure: <u>29.71</u> (in Hg)				Temperature (F): <u>62</u>		Wind Direction: <u>SE @ 5 mph</u>	
				Weather Conditions: <u>Partly Cloudy</u>							
Staff Gauge (002) Elevation:	582.70 (Ft., MSL)										

Well/ Piezo No.	Well/Piezo TOC Elev.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/ Piezo Water Pres. (PSI)	Gauge Pres. (Elev.)	DTB (feet)	Piezoe Bottom Elevation (100 gal)	Well/ Piezo No.	Depth to TOC (feet)	DTW (TOC) (feet)	Well/Piezoe Water Pres. (PSI)	Gauge Pres. (feet)	DTB (feet)	Piezoe Bottom Elevation (100 gal)	Flow Reading (100 gal)
DW-1	596.32	24.0	23.31	573.01	47		61.780	DW-10	596.47	24.0	19.05	577.42	48		273.478
P-511	592.29	F	#VALUE!	X	#VALUE!			P-520	596.93	9.81	586.12		30.33	565.60	
DW-2	595.91	24.0	23.03	572.88	38		15.168	DW-11	595.82	25.7	24.72	571.10	30		387.373
P-512	593.16	X	#VALUE!		25.0	568.21		P-521	596.19		10.20	585.99		33.45	562.74
DW-3	596.13	22.0	21.04	575.09	35		657.510	DW-12	595.28	26.5	25.65	569.63	36		165.263
P-513	592.81	X	#VALUE!		21.2	571.65		P-522	595.17		8.18	586.99		32.9	562.24
DW-4	596.28	23.0	22.40	573.88	46		146.428	DW-13	594.83	27.0	26.87	567.96	33		62.071
P-514	592.80	6.84	585.96		25.1	567.75		P-523	592.04		D	#VALUE!	D	#VALUE!	
DW-5	596.16	21.0	19.99	576.17	38		47.529	DW-14	594.83	26.5	25.81	569.02	45		204.626
P-515	592.65	X	#VALUE!		22.2	570.46		P-507	591.38		D	#VALUE!	D	#VALUE!	
DW-6	596.46	24.0	23.13	573.33	73		60.313	DW-15	594.62	29.5	26.36	568.26	30		135.001
P-516	596.30	10.62	585.68		31.2	565.08		P-524	591.55		2.35	589.20		34.92	556.63
DW-7	596.39	25.0	24.15	572.24	37		204.372	P-508	591.37		D	#VALUE!	D	#VALUE!	
P-517	596.55	10.70	585.85		29.7	566.88		DW-16	594.81	36.0	35.73	559.08	32		56.465
DW-8	596.21	24.5	23.98	572.23	32		200.872								
P-518	596.17	9.97	586.20		30.5	565.66									
DW-9	596.16	24.5	12.96	583.20	41		14.938								
P-519	596.56		11.96	584.60		31.3	565.31								

Remarks	DW-1, DW-2, DW-4, DW-5, DW-6, DW-7, DW-8, DW-11, DW-12, DW-14 and DW-15 were adjusted down due to high initial water levels.
	DW-16 was adjusted up to low initial water levels.
	DW-9 is operational however discharge valve adjustments are insufficient. DW-9 discharge valve all the way left (open) and unable to adjust down.
	DW-10 is operational however discharge valve adjustments are insufficient. DW-10 discharge valve all the way left (open) and unable to adjust down.
	DW-15 is operational however discharge valve adjustments are insufficient. DW-15 discharge valve all the way left (open) and unable to adjust down.

Key:

TOC=Top of Casing, north side  
DTW=Depth to Water  
DTB=Depth to Bottom

Contact: Edward Stefanek, Senior Project Manager  
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## STATUS REPORT

Mittal Steel USA

Burns Harbor

East Harbor Arm - Dewatering Report

Weekly Status Report

Observations by:  
E. Najacht  
Weaver Consultants Group, LLC

Date	6/6/2019	Time:	7:50 AM	
Staff Gauge (002) Elevation:	582.50	(Ft., MSL)		

Well/ Piezo No.	Well/Piezo TOC Elev.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/Piezo Water Pres. (PSI)	Gauge Pres. (Elev.)	DTB (feet)	Piezo Bottom Elevation	Flow Reading (100 gal)	Barometric Pressure: <u>29.89</u> (in Hg)		Temperature (F): <u>55</u>	Wind Direction: <u>N @ 3 mph</u>
									Weather Conditions:	Cloudy		
DW-1	596.32	24.0	23.63	572.69	48			62.828			DW-10	596.47
P-511	592.29	F	#VALUE!	X	#VALUE!						P-520	595.93
DW-2	595.91	24.0	23.64	572.27	38			15.763			DW-11	595.82
P-512	593.16	X	#VALUE!	25.0	568.21						P-521	596.19
DW-3	596.13	22.0	21.08	575.05	35			655.788			DW-12	595.28
P-513	592.81	7.14	585.67	21.2	571.65						P-522	595.17
DW-4	596.28	23.0	22.35	573.93	46			148.359			DW-13	594.83
P-514	592.80	7.22	585.58	25.1	567.75						P-523	592.04
DW-5	596.16	21.0	19.51	576.65	39			50.022			DW-14	594.83
P-515	592.65	7.38	585.27	22.2	570.46						P-507	591.38
DW-6	596.46	24.0	23.43	573.03	72			63.101			DW-15	594.62
P-516	596.30	11.24	585.06	31.2	565.08						P-524	591.55
DW-7	596.39	25.0	24.79	571.60	37			207.885			P-508	591.37
P-517	596.55	11.40	585.15	29.7	566.88						DW-16	594.81
DW-8	596.21	24.5	24.18	572.03	32			204.839				
P-518	596.17	10.65	585.52	30.5	565.66							
DW-9	596.16	24.5	13.57	582.59	42			16.165				
P-519	596.56		11.96	584.60	31.3			565.31				

Remarks DW-2 and DW-4 were adjusted down due to high initial water levels.

DW-7, DW-8, DW-12, DW-14 and DW-16 was adjusted up due to low initial water levels.

DW-9 is operational however discharge valve adjustments are insufficient. DW-9 discharge valve all the way left (open) and unable to adjust down.

DW-10 is operational however discharge valve adjustments are insufficient. DW-10 discharge valve all the way left (open) and unable to adjust down.

DW-15 is operational however discharge valve adjustments are insufficient. DW-15 discharge valve all the way left (open) and unable to adjust down.

Key:  
TOC=Top of Casing, north side  
DTW=Depth to Water  
DTB=Depth to Bottom

Contact: Edward Stefanek, Senior Project Manager

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(574) 271-3343 Fax.

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## STATUS REPORT

Mittal Steel USA

Burns Harbor

East Harbor Arm - Dewatering Report

Weekly Status Report

Observations by:  
E. Najacht  
Weaver Consultants Group, LLC

Date	6/13/2019	Time:	7:50 AM		
Staff Gauge (002) Elevation:	583.00	(Ft., MSI.)			

Well/ Piezo No.	Well/Piezo TOC Elev.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/Piezo Water Pres. (PSI)	Gauge Pres. (PSI)	DTB (feet)	Piezometer Bottom Elevation (100 gal)	Well/Piezometer No.	Depth to TOC (feet)	DTW (TOC) (feet)	Well/Piezometer No.	Gauge Pres. (PSI)	DTB (feet)	Piezometer Bottom Elevation (100 gal)	
DW-1	596.32	24.0	23.97	572.35	48		63.880	DW-10	596.47	24.0	19.13	577.34	50	280.540	
P-511	592.29	F	#VALUE!	X	#VALUE!			P-520	595.93	10.31	585.62		30.33	565.60	
DW-2	595.91	24.0	23.74	572.17	39		16.326	DW-11	595.82	25.7	25.56	570.26	30	396.349	
P-512	593.16	X	#VALUE!		25.0	568.21		P-521	596.19	10.70	585.49		33.45	562.74	
DW-3	596.13	22.0	21.25	574.88	36		662.037	DW-12	595.28	26.5	25.91	569.37	39	173.601	
P-513	592.81	X	#VALUE!		21.2	571.65		P-522	595.17		8.80	586.37		32.9	562.24
DW-4	596.28	23.0	22.93	573.35	46		150.540	DW-13	594.83	27.0	26.91	567.92	35		63.147
P-514	592.80	7.51	585.29		25.1	567.75		P-523	592.04		D	#VALUE!	D	#VALUE!	
DW-5	596.16	21.0	20.05	576.11	39		52.321	DW-14	594.83	26.5	25.82	569.01	45		207.277
P-515	592.65	X	#VALUE!		22.2	570.46		P-507	591.38		D	#VALUE!	D	#VALUE!	
DW-6	596.46	24.0	23.02	573.44	72		65.882	DW-15	594.62	29.5	27.80	566.82	30		136.895
P-516	596.30	11.43	584.87		31.2	565.08		P-524	591.55		3.38	588.17		34.92	556.63
DW-7	596.39	25.0	24.72	571.67	37		211.477	P-508	591.37		D	#VALUE!	D	#VALUE!	
P-517	596.55	11.59	584.96		29.7	566.88		DW-16	594.81	36.0	35.80	559.01	35		57.512
DW-8	596.21	24.5	23.51	572.70	32		208.728								
P-518	596.17	10.85	585.32		30.5	565.66									
DW-9	596.16	24.5	13.67	582.49	43		17.435								
P-519	596.56		11.96	584.60		31.3	565.31								

Remarks	DW-2, DW-5, DW-6 and DW-16 were adjusted down due to high initial water levels.
	DW-4 and DW-14 were adjusted up due to low intial water levels.
	DW-9 is operational however discharge valve adjustments are insufficient. DW-9 discharge valve all the way left (open) and unable to adjust down.
	DW-10 is operational however discharge valve adjustments are insufficient. DW-10 discharge valve all the way left (open) and unable to adjust down.
	DW-15 is operational however discharge valve adjustments are insufficient. DW-15 discharge valve all the way left (open) and unable to adjust down.

Key:

TOC=Top of Casing, north side  
DTW=Depth to Water  
DTB=Depth to BottomContact: Edward Stefanek, Senior Project Manager  
7121 Grape Road  
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## STATUS REPORT

Mittal Steel USA

Burns Harbor

## East Harbor Arm - Dewatering Report

Weekly Status Report

Observations by: E. Najacht  
Weaver Consultants Group, LLC

Date	6/20/2019	Time:	8:30 AM	Barometric Pressure: <u>29.64</u> (in Hg)				Temperature (F): <u>56</u>			
Staff Gauge (002) Elevation:	583.10 (Ft., MSL)	Weather Conditions: Cloudy				Wind Direction: NNW @ 16 mph					

Well/ Piezo No.	Well/Piezo TOC Elev.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/Piezo Water Elev.	Gauge Pres. (PSI)	DTB Piezo (feet)	Piezoelectric Bottom Elevation	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/Piezoelectric Water Elev.	Gauge Pres. (PSI)	DTB Piezo (feet)	Piezoelectric Bottom Elevation	Flow Reading (100 gal)	
DW-1	596.32	24.0	23.74	572.58	48			64.972		18.83	577.64	49		284,078	
P-511	592.29		F	#VALUE!	X	#VALUE!			P-520	595.93	10.38	585.55		30.33	565.60
DW-2	595.91	24.0	23.96	571.95	38			16.895	DW-11	595.82	25.7	25.31	570.51	30	401,049
P-512	593.16		X	#VALUE!		25.0	568.21		P-521	596.19	10.67	585.52		33.45	562.74
DW-3	596.13	22.0	21.30	574.83	35			664.293	DW-12	595.28	26.5	25.54	569.74	38	178,056
P-513	592.81		X	#VALUE!		21.2	571.65		P-522	595.17	8.39	586.78		32.9	562.24
DW-4	596.28	23.0	22.34	573.94	46			152.894	DW-13	594.83	27.0	26.61	568.22	33	63.711
P-514	592.80		7.47	585.33		25.1	567.75		P-523	592.04	D	#VALUE!	D	#VALUE!	
DW-5	596.16	21.0	19.51	576.65	38			54.913	DW-14	594.83	26.5	25.66	569.17	47	208,512
P-515	592.65		X	#VALUE!		22.2	570.46		P-507	591.38	D	#VALUE!	D	#VALUE!	
DW-6	596.46	24.0	23.01	573.45	72			68.776	DW-15	594.62	29.5	26.99	567.63	29	137,894
P-516	596.30		11.55	584.75		31.2	565.08		P-524	591.55	2.50	589.05		34.92	566.63
DW-7	596.39	25.0	24.78	571.61	37			215.227	P-508	591.37	D	#VALUE!	D	#VALUE!	
P-517	596.55		11.65	584.90		29.7	566.88		DW-16	594.81	36.0	35.40	559.41	35	58,042
DW-8	596.21	24.5	23.54	572.67	32			212.736							
P-518	596.17		10.84	585.33		30.5	565.66								
DW-9	596.16	24.5	13.64	582.52	42			18.736							
P-519	596.56		11.96	584.60		31.3	565.31								

Remarks	DW-2, DW-8, DW-12, DW-14 and DW-16 were adjusted down due to high initial water levels.
	DW-9 is operational however discharge valve adjustments are insufficient. DW-9 discharge valve all the way left (open) and unable to adjust down.
	DW-10 is operational however discharge valve adjustments are insufficient. DW-10 discharge valve all the way left (open) and unable to adjust down.
	DW-15 is operational however discharge valve adjustments are insufficient. DW-15 discharge valve all the way left (open) and unable to adjust down.

Key:  
 TOC=Top of Casing, north side  
 DTW=Depth to Water  
 DTB=Depth to Bottom

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## STATUS REPORT

Mittal Steel USA

Burns Harbor

East Harbor Arm - Dewatering Report

Weekly Status Report

Observations by:

E. Najacht  
Weaver Consultants Group, LLC

Date	6/27/2019	Time:	8:50 AM	Barometric Pressure: <u>30.15</u> (in Hg)				Temperature (F): <u>73</u>			
Staff Gauge (002) Elevation:	582.70	(Ft., MSL)		Weather Conditions: <u>Mostly sunny</u>				Wind Direction: <u>SW</u> @ 5 mph			

Well/ Piezo TOC No.	Well/Piezo TOC Elev.	Depth to TScreen (feet)	DTW (TOC) (feet)	Well/Piezo Water Pres. (PSI)	Gauge Water Elev.	DTB (feet)	Piezoe Bottom Elevation	Flow Reading (100 gal)	Well/ Piezo No.	Depth to T/Screen (feet)	DTW (TOC) (feet)	Well/Piezo Water Pres. (PSI)	Gauge Water Elev.	DTB (feet)	Piezoe Bottom Elevation	Flow Reading (100 gal)
DW-1	596.32	24.0	23.64	572.68	47			66.053	DW-10	596.47	24.0	18.37	578.10	48		286.710
P-511	592.29	F	#VALUE!	X	#VALUE!				P-520	595.93	10.26	585.67		30.33	565.60	
DW-2	595.91	24.0	23.35	572.56	38			17.470	DW-11	595.82	25.7	25.12	570.70	27		405.804
P-512	593.16	X	#VALUE!	25.0	568.21				P-521	596.19	10.59	585.60		33.45	562.74	
DW-3	596.13	22.0	21.35	574.78	34			666.602	DW-12	595.28	26.5	25.50	569.78	36		182.695
P-513	592.81	7.27	585.54	21.2	571.65				P-522	595.17	8.46	586.71		32.9	562.24	
DW-4	596.28	23.0	22.01	574.27	46			154.987	DW-13	594.83	27.0	26.88	567.95	33		64.340
P-514	592.80	7.22	585.58	25.1	567.75				P-523	592.04	D	#VALUE!	D	#VALUE!		
DW-5	596.16	21.0	19.61	576.55	37			57.277	DW-14	594.83	26.5	26.32	568.51	45		209.744
P-515	592.65	X	#VALUE!	22.2	570.46				P-507	591.38	D	#VALUE!	D	#VALUE!		
DW-6	596.46	24.0	23.24	573.22	72			71.616	DW-15	594.62	29.5	27.73	566.89	28		138.931
P-516	596.30	11.29	585.01	31.2	565.08				P-524	591.55	2.50	589.05		34.92	566.63	
DW-7	596.39	25.0	24.29	572.10	35			219.050	P-508	591.37	D	#VALUE!	D	#VALUE!		
P-517	596.55	11.46	585.09	29.7	566.88				DW-16	594.81	36.0	35.09	559.72	33		58.554
DW-8	596.21	24.5	23.78	572.43	32			217.011								
P-518	596.17	10.71	585.46	30.5	565.66											
DW-9	596.16	24.5	13.43	582.73	41											
P-519	596.56		11.96	584.60	31.3			565.31								

Remarks	DW-2, DW-4, DW-5, DW-6, DW-8 and DW-16 were adjusted down due to high initial water levels.
	DW-9 is operational however discharge valve adjustments are insufficient. DW-9 discharge valve all the way left (open) and unable to adjust down.
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